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No Order
Too Small



1903

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LONGSTRETH'S

Seed Annual Bargain Catalog

Of Standard Garden and Flower Seeds, Novelties and Specialties, Spray Pumps, &c.





W. B. LONGSTRETH.

DISCOUNTS.

For 25c., select 30c.

For 50c, select 65c.

For 75c, select 95c.

For \$1.00 select \$1.50.

Of Seeds in Packets only at

Catalog Prices.

I Love Flowers: Don't You?

W. B. Longstreth,

GRATIOT STATION,
ZANESVILLE, OHIO.

To My Dear Friends and Patrons 1903 Greeting

All Poor Varieties are Left out of this Catalog. You Can Pick Out with Your Eyes Shut and Get a Good Thing Every Time.

"Whatsoever a Man Soweth that Shall He also Reap."

Gratiot, Ohio, 1903.

Dear Friend—Again I have the pleasure of calling on you. Not personally, which I very much regret, as nothing would give me more pleasure than to meet one and all of my hundreds of customers now enrolled on our order books, as well as the others to whom I mail this eatalog, with the desire that every one of these will join my throng of happy, pleased customers. But this I cannot do, so come again in my annual catalog form. My catalog is small, no bulky pages—flashy and misleading for you to pay for. No big prices charged (for perhaps greatly inferior seeds) to meet the enormous expense of business done in a city. To the many who have been duped by these gaudy catalogs, I will say, I endeavor to put the REAL value INSIDE the packets, and not on the catalog covers—serving all HONESTLY with SELECTED seeds at the lowest possible price.

Awaiting the commands of my esteemed friends and patrons, both old and new, I

remain, Yours Most Truly,

W. B. LONGSTRETH, Box 69, Gratiot, Licking Co., O.

PLEASE READ, THEN ORDER.

TERMS STRICTLY CASH. Remittances may be made at my risk by the following methods: Postoffice Money order on Zanesville, Ohio; Bank Draft; Express Order or Registered Letter. Postage Stamps, if ones or twos, and in good condition, accepted for fractional parts of a dollar.

GUARANTEE.— While I always exercise the greatest care to have all seeds pure and reliable in every respect, and that they will grow with the proper treatment, and be as represented, in so far that if they prove otherwise I will, refill the order or refund the money. The customer, however, must bear in mind that there are so many contingencies over which I have no control that I under no circumstances whatever guarantees a crop. The safe arrival of all seeds sent by mail guaranteed.

I WOULD BE PLEASED if customers, on the arrival of their orders, would report condition of same; also your success with seed—good or bad. If you receive an extra copy of my Catalog, please present it to a friend or neighbor who is interested in planting good seed. Order early, and be sure and WRITE YOUR NAME, POSTOFFICE, COUNTY AND STATE VERY DISTINCTLY. Address all orders to

W. B. LONGSTRETH, Zanesville, Ohio-Gratiot Station.

Many of my old friends and customers will undoubtedly notice a change in my address from Gratiot, Ohio, to Zanesville, Ohio—Gratiot Station. The Gratiot Postoffice has been discontinued and made a station of the Zanesville Postoffice, consequently the change. But I am still at the same old stand, ready to receive your kind favors. All mail addressed to me in either of the following ways will reach me all O. K.:

W. B. Longstreth,
Zanesville,
Gratiot Station. Ohio.

W. B. Longstreth, Gratiot Station,

W. B. Longstreth, Zanesville,

Seeds Postpaid by Mail.

The price quoted on all Seeds and Bulbs include postage, and safe delivery guaranteed. If ordered by express or freight, at your risk and expense, deduct 10c. per lb. and 15c. per quart.

ORDER EITHER BY NUMBER OR NAME.

Novelties and Specialties in Vegetable & Flower Seeds.





(1) Longstreth's New American Coffee Berry.

The best substitute for coffee ever discovered. Many pronounce it as good as the genuine coffee, and far superior to much of the ordinary store coffee. It is undoubtedly the poor man's friend, as it is the hardiest, easiest raised and the most productive plant I ever saw. While growing it is a perfect sight to behold, the plant branching out in all directions, the pods hanging so thick as to touch each other, frequently producing 200 Pods to the Plant. It does well on every kind of soil, and you can raise your own COFFEE FOR ONE CENT A POUND. Many claim by mixing half and half with coffee you will have a perfect drink. One thing I know, and that is my NEW AMERICAN COFFEE BERRY alone makes a drink far superior to some of the store coffee, for I have drank them both. Parch and prepare like other coffee, and you will be surprised and delighted to find how good it is. My seed is genuine, and is quite distinct from late ripening varieties that many seedsmen offer, which very seldom mature in this latitude. The variety I am offering this year is EXTRA' EARLY, and will mature in any section that the ordinary beans will. Plant and cultivate the same as beans. Large packet, 10c.; three for 25c.



(2) Burpee's Bush Lima Bean.

Comes absolutely true from seed. Bushes grow 18 to 20 inches high, very stout, and always erect, yet branching so vigorously that each plant develops into a magnificent circular bush from two to three feet in diameter. The leaves are of very large size and great substance, and the bush character is now so thoroughly established that not one plant in a thousand shows any disposition to run. The thickness of main stalk and branches, the unusual size, healthy green color, and thick leathery leaves, indicate the strong constitution of this variety, bearing strong crops. It is a sure cropper and immense yielder, each bush bearing 50 to 200 large pods well filled with very large beans, in size and flavor identical with the well known large Pole Limas. Packet, 8c.; ½ pint, 15c.; pint, 25c.

CUCUMBER.

3. WHITE SNOW.— Introduced eight years ago by a Wisconsin seed firm, and it has completely captured the hearts of thousands upon thousands of cucumber growers. Every lady who graces her table therewith once would not get along without it. It is undoubtedly the handsomest White Cucumber in the world. The rines are quite vigorous in growth, bearing an immense yield of beautiful cucumbers, which are of large size, and aiways of a pure waxen white color, and extremely attractive. The flesh is solid, pure white, exceedingly crisp and tender. Packet 10c.

LETTUCE.

4. NEW ICEBERG.—There is no handsomer or more solid cabbage lettuce grown. It is of unusual striking appearance. The large curly leaves which cover the outside of the solid heads are of a bright light green. The heads are very solid, crisp and exceedingly tender, even in the hottest days of summer. Heads frequently eight inches in diameter. Slow to run to seed. Don't fail to give it a trial; sure to give satisfaction. Packet 5c.; oz. 10c.

ONION.

5. AUSTRALIAN BROWN.—Is of medium size, wonderfully hard and solid, and most attractive for market, both as to form and appearance. They are extremely early in ripening, and never make any stiff necks or scallions. Every seed seems to produce a good-sized onion, and the bulb begins to form very quickly, when the plant is not over three inches high. Planted with the Red Wethersfield, it proved to be nearly four weeks earlier, and ripened off more uniformly. We think from its firmness and hardness that it will keep longer in good condition than any other Onion known. The color of the skin is a clear amber-brown. Packet 5c.; oz. 10c.; ½ 1b. 30c.

NEW RADISH.

6. CINCINNATI MARKET.—This superb Radish, as its name indicates, was produced in the vicinity of Cincinnati, Ohio. It is seldom that even a good thing leaps with one bound into general favor as has been the case with Cincinnati Market. The tops are so very small that the Radishes may stand touching each other in the rows. One grower says that the tops are too small to "pull by," and also that he never thins this variety like he would other kinds, which quickly run up to seed if left standing too thickly in the row. They grow perfectly straight and smooth, and from 6 to 7 inches in length. Their attractive, glossy, scarlet-colored skin is very thin, and the flesh crisp and brittle, and of delightfully pungent flavor. It is by all odds the finest Long Red Radish for forcing, and outsells all others in any market to which it goes. Being long standing, it is also an extra fine sort for the home garden, entirely exempt from any tendency to become pithy or hollow. Beware of spurious seeds. What we offer is seed from pure, straight stock. Packet 5c.; oz. 10c.

TOMATO.

7. HONOR BRIGHT.—The best sort to grow for distant markets. The best for late crop. A new and very distinct variety. The foliage is a yellowish-green, and the first fruit as it ripens turns first white, then yellow, and when fully ripe is a bright red. The flesh is very firm and quite solid. The fruit ripens slowly, and seems to ripen up exceptionally well after picking, so that fruit can be picked when white, packed and shipped, and after ten to thirty days will be found solid and ripened to a rich, bright red. Well worthy of trial. Packet 5c.



LONGSTRETH'S

National Emblem Collection

---OF---

SWEET PEAS.

Emblem Red. Emblem White. Emblem Blue.

Every patriotic American who loves flowers will take special pride and delight in watching the brilliant colors of "Old Glory" display themselves side by side in the blossoms of that favorite American flower—the Sweet Pea. This National Emblem Collection is so strikingly effective as well as a source of continued inspiration and enjoyment, to which the fragrance as well as the grace and beauty of the flowers contribute greatly. It is necessary to see this "National Emblem" collection growing together, showing its brilliant reds, pure whites and rich blues in vivid American Flag contrasts, in order to appreciate its beauty and effectiveness.

- 8. EMBLEM RED (Brilliant).—A very brilliant, rich red, the flowers retaining their coloring under the hottest sun; standards broad and slightly hooded; wings widely spreading. The cut blossoms retain their brilliancy when seen by artificial light, a most desirable point in floral decorations. Pkt. 5c.; oz. 10c.
- 9. EMBLEM WHITE (Sadie Burpee).—The flowers of this new variety are of the very largest size and purest snowy white. They come in threes, at the summit of a stiff stem, and last unusually well when cut. It is the finest as well as the largest pure white Sweet Pea known. Pkt. 5c.; oz. 10c.
- 10. EMBLEM BLUE (Navy Blue).—The only Sweet Pea that is of a true blue color; entirely distinct from any other variety. General color effect, dark blue; standards brilliant royal purple; wings pure violet. A most vigorous grower, and a wonderful free-flowering variety. Pkt. 5c.; oz. 10c.
- 11. To induce all my customers and friends to try our "National Emblem" collection of Sweet Peas, I will give a full size packet Emblem Red, White and Blue, one of each, for only 10c. One ounce of each variety only 20c.

W. B. LONGSTRETH, Gratiot Station, Zanesville, Ohio.

JAPANESE MORNING GLORY.

12. New Giant Flowered. Most beautiful and valuable annual flowers introduced in 25 years, and the most popular flowers. Magnificent in size and appearance. The great variety of rich and delicate colors, tints and markings is wonderful and almost incredible. Many are of very odd and singular forms. The foliage is almost as beautiful as the flowers, and they would be worthy of culture even if they had no flowers. The leaves are of various forms, some ivy-like, smooth and glossy; others very hairy; some are green, splashed and variegated. Vines grow rapidly, climbing from 15 to 30 feet, and soon cover arbors, piazzas, etc., with a mass of rich foliage and flowers. Large packet 10c.

CARNATION POPPIES.

13. Recall to mind every color you have ever seen in Poppies, then imagine every cone ivable combination of these colors—suriped, blotched, edged and bordered, on both single, semidouble and double flowers—and you will have but a faint idea of the varied beauty of my superb mixture of 25 choicest varieties of Poppies. Pkt. 5c.

CHRYSANTHEMUM.

14. Plant in a ring 2 feet 3 inches from center of bed. Thin till eight inches apart. I offer seeds of the Chrysanthemum Crimson and Gold, a beautiful annual. Plants grow two and a half feet high, branch freely, and are covered with masses of large, attractive, golden flowers with distinct crimson rings. The foliage is deeply serrated, of a light green color, and forms an elegant background for the flowers. Any person can grow this elegant annual, and it blooms all season, till after severe frosts. A fine pot plant. Started in summer it blooms well in the window in winter. Pkt. 5c.



FOLK STATION, O., Mar. 7, 1902. W. B. Longstreth:

I have been planting your garden seeds for several years, and I never planted as good seeds. They all grow. RACHEL M. RICHARDS.

UNION BRIDGE, MD.,
Feb'y 20, 1902.
Dear Sir: The seeds reached me in good order.
Mrs. W. H. Perry.

LAWRENCEBURG, IND., March 31, 1902.

My Dear Sir:

I had fine success last season with the seeds I purchased from you. I send you a small order to-day.

Please accept thanks for your very generous extras last spring.

Very Truly Yours,

Mrs. INEZ C. PIATT.

Longstreth's Seeds are Guaranteed to be the Best.

Longstreth's Standard Garden Seeds.

Order Either by Number or Name.

BEANS-Dwarf or Bush.

Plant after danger of frost is past in drills 18 inches apart and 4 inches apart in the drill, in most any good garden soil, except a cold, wet one. Do not hoe or cultivate when wet with dew or rain.

16. LIGHTNING EARLY RED VALENTINE.—Is just what its name indicates. It is the earliest kidney-shaped bean in the world. The most profitable variety for market. For a green podded snap bean there is no variety its equal. The vines are erect, bearing an abundance of pods of medium size, and when young they are entirely stringless. Among the green podded sorts none can be compared with our stock of Lightning Valentine. Sure to give satisfaction. Packet 5c.; ½ pint 10c.; pint 18c.; quart 35c.

17. YELLOW KIDNEY, OR SIX WEEKS.—Vines large and very productive; nearly as early as the Lightning Valentine. Pods green, and always thick and meaty. Adapted to any soil and weather. The beans, when dry, are kidney-shaped, and in color are a yellowish drab. Packet 5c; ½ pint 10c.

18. EXTRA-EARLY REFUGEE GREEN-POD.—It is similar in every respect to the ordinary Refugee, but is nearly two weeks earlier. It is enormously prolific, and from its earliness is almost certain to produce a crop, no matter how unfavorable the season. In quality it is unexcelled, being exceptionally free from string, and meltingly tender at all stages of its growth. Packet 5e; ½ pint 10e; pint 18c.

19. DWARF WHITE NAVY—The most valuable variety and the heaviest yielding bean known, growing 18 to 24 inches high and branching out in all directions, and bearing an abundance of well-filled pods. Immensely productive. The beans are small, pure white, cook quickly, and have a very fine flavor. Medium early. Sure to give satisfaction. Packet 5c; ½ pint 10c; pint 16c; quart 28c.

20. HENDERSON'S BUSH LIMA.—Popular variety. Valuable on account of its extreme earliness and wonderful productiveness, continuing to grow and set pods until killed by frost. Vines are without runners; leaves small, green and Lima-like. Pods short, flat, and contain from three to five beans, which are of a very delicious flavor. Packet 5c; ½ pint 10c; pint 18c.

21. DAVIS KIDNEY WAX.—Having many calls for a wax bean, I selected the Davis kidney Wax, and will recommend it to my customers as the most productive wax bean in cultivation. The pods are long, straight, of clear waxy white color, and quite stringless. The beans are pure white, kidney-shaped, exceedingly crisp and tender, and will produce one-third more beans to the same amount of ground than any other wax bean. Packet 5c; ½ pint 10e; pint 18c.

BEANS-Pole or Running,

Plant in hills 3 to 4 feet apart, and 2 in. deep, and about six beans to a hill; when well established thin to three plants to the hill.

22. OLD HOMESTEAD.—Far ahead of any other green podded Pole Bean. At least ten days earlier than any other Pole Bean. It is enormously productive, the pods hanging in great clusters from top to bottom of the pole; entirely stringless; excellent flavor. The pods are silvery green in color, very long, frequently containing 7 to 9 long, oval, dun-colored (when dry) beans, which always cook tender and delicious. Packet 6c; ½ pint 12c: pint 20c.

23. LAZY WIFE—Very popular variety. Pods 6 to 8 inches long, entirely stringless, of a rich, buttery flavor when cooked; an excellent white shell bean for winter use. A good bean to plant with corn. Pkt. 5c; ½ pint 12c; pint 20c.

Burfae's Bush Lina Beans.

BEANS-Continued.

24. CUT SHORT OR CORN HILL.—An old variety that is in favor for planting among corn. Beans nearly oblong, cut off diagonally at the ends; white, covered at one end with reddish brown dots. Packet 5c: ½ pint 12c.

25. SIEBERT'S EARLY LIMA.—The earliest true Lima and the very best for market gardeners. Very productive, hardy and vigorous. Produces pods early, and the beans are of fine quality. The green shelled beans are of immense size, but so tender and succulent that they shrink in drying sto about the size of the Large White Lima. Packet 10c; ½ pint 15c; pint 25c.

THE BEST BEETS.

Sow as early in the spring as the ground can be worked in light, well-manured soil, in drills 12 inches apart and 1 inch deep. Thin to four inches apart. For winter use sow in June.

26. COLUMBIA.—This distinct new beet is early, of finest quality and great uniformity, both in roots and neat handsome foliage, being of turnip-shape, with smooth, clear skin, and deep blood red flesh of extra fine quality. Packet 5c.

27: EARLY BLOOD TURNIP.—The standard early variety; blood red, turnip-shaped, with small top and tap root, smooth, very tender, and good for early use, and if planted later it will make an excellent beet for winter use. Packet 5c; oz. 7c; ½ lb. 15c

CABBAGE.



For the very early crop sow in the hotbed in March. For the main crop sow in open ground the latter part of May, and when two or three inches high transplant into rows 2 to $2\frac{1}{2}$ feet apart each way, allowing more room for the large growing sorts.

28. EARLY JERSEY WAKEFIELD—The earliest and hardest heading of extra early cabbages. Most gardeners depend upon it for the bulk of their extra early crop. Our stock is grown and selected with the greatest care and there is none better and there are few as good. Heads conical, very compact, solid and of excellent quality. The thick, stout leaves and compact habit make it the best for wintering over and very early setting. Pkt. 5c; oz. 20c.

29. NEW AUTUMN KING (or World Beater) - This peerless variety, I say without hesitation, is one of the finest in this country to-day-entirely distinct and the best keeper. It produces enormous, solid heads and has such small outer leaves that it can be relied upon to produce a greater weight of crop per acre than any other variety- it all goes to head. Its peculiarly handsome, crimped leaves enables it to be distinguished anywhere. It is one of the grandest of winter varieties, and is decidedly the best mammoth cabbage in existence. All seed grown from headquarters stock and very carefully selected from extra solid heads, pure and true. Remember cheap cabbage seed is always dear. Packet 10c; 3 for 25c.

30. LATE FLAT DUTCH.—An excellent winter variety, producing large, flat, round heads, very solid. The quality is very fine and the flavor excellent. Packet 5c; oz. 12c.

BE UP TO DATE.

Fine Visiting or Calling Cards.

Terryour name, and address if desired, neatly printed on 50 Fine Bristol Cards, in the latest style, with fancy script or elegant card style type, only 25c. Many other printers charge 50 cents. Twenty-five cards for 15 cents.

W. B. LONGSTRETH,

CELERY.

Sow early in April. Transplant about the first of June in rows three feet apart and the plants six inches in the row. Trim the plants two or three times when small to promote stalky growth. As fall approaches draw earth up to the plants, keeping the stalks well together.



31. GIANT PASCAL.—This is without doubt the best general purpose celery ever introduced. The stalks are remarkably large, thick and solid; entirely stringless with a golden heart, very crisp and brittle, rich nutty flavor. It blanches very easily and quickly, requiring but little earthingup; a most vigorous grower—succeeding well under almost all conditions. It seldom rusts or rots and is most excellent for shipping. Every market and private gardener should grow it largely. Valuable for fall and mid-winter use. Packet 5c.

32. WHITE PLUME.—Stalk, inner leaves and heart are white, so that tying up or simply drawing up the soil completes the work of blanching. Equal to the very best sorts—early, handsome, easily grown, profitable for early market. Packet 5c.

SWEET CORN.

Plant when the ground becomes thoroughly warm, in hills 3 feet apart each way. For a succession continue to plant about every 2 weeks until the last of July.

33. MAMMOTH WHITE CORY—The ears are fully twice the size of the old Cory, white cobbed, and covered with very large, white grains of good quality. The gardener who wishes to get the cream of the trade should make his plantings of this splendid novelty. Extra early. Pkt. 5c; ½ pint 8c; pint 15c.

34. STOWELL'S EVERGREEN—Medium late, hardy and productive, very tender and sugary, remaining a long time fit for table use. Pkt. 5c; ½ pint 8c; pint 15c.

CUCUMBERS.

For very early cucumbers the seed can be planted in a piece of inverted sod in the hot bed or in the house, and transplanted, sod and all, into open ground when danger of frost is past. For the main crop plant in open ground after danger of frost, in hills four feet apart each way, and cover the seed with about one inch of soil.



35. IMPROVED LONG GREEN.—Produced by selection from the Long Green. Vines vigorous and productive, forming fruit fit for the table nearly as early as the shorter sorts; fruit about 12 inches long, firm and crisp. The young fruit makes one of the best of pickles, and when ripe is the best of any for sweet pickles. We offer a carefully selected strain, uniformly long and of good form, with the large warts and spines well distributed over the surface instead of being clustered at one end, as in inferior stocks. Pkt. 5c; oz. 20c; ¼ 1b. 60c.

36. COOL AND CRISP—This variety is elaimed to be the earliest and most prolific of all pickling cucumbers. The vines are exceedingly productive, bearing the entire season. The cucumbers are of a dark green color, very crisp and tender. Pkt. 5c: oz. 20c; ¼ lb. 60c.

37. WHITE SPINE or ARLINGTON—One of the most popular varieties, both for marketing and table use. Vines vigorous, fruiting early and abundantly; straight and handsome; light green, with a few white spines; flesh crisp and of—a delicious flavor. It is one of the best for slicing. Pkt. 5e; oz. 20e; ½ lb. 60e.

LETTUCE.

Lettuce delights in a rich, mild soil. Sow as early as the ground can be worked, in drills about one foot apart, and every two weeks for a succession. When well up thin to six or eight inches apart, so the plants can form heads.

38. CALIFORNIA CREAM BUTTER.—This is one of the best of the Summer varieties of Head Lettuce. The heads are of good size, and are so very solid they often have to be cut before the seed stalk can appear. Center cream yellow; leaves of the head are enclosed with outer ones marked with small brown spots. They are crisp, have a rich, buttery flavor; and are an ornament to the table. Packet 5c: oz. 10c.

39. NEW YORK MARKET—Standard variety; forms very large, solid heads, often 12 to 16 inches in diameter, and weighing from 3 to 4 pounds. It is the most crisp and tender lettuce I ever saw, of excellent flavor, and entirely free from bitterness. Packet 5c; oz. 10c.

40. LONGSTRETH'S PRIZE HEAD—This is one of the finest head lettuce in cultivation. Heads large, solid, tender, blanching perfectly; oily and buttery in texture, and delicious in flavor. Pkt. 5c; oz. 8c.

MUSK MELON.

Select a light, sandy, rich soil, and after all danger of frost is past plant in hills 4 to 6 feet apart each way, 6 to 12 seeds to the hill. When danger of insects is over, thin to about three plants to a hill.

NEW ROCKY FORD -This has become one of the most popular of small or basket melons. The fruit is oval, slightly ribbed, densely covered with Flesh thick, green, very coarse netting. sweet and highly flavored. An amazing vielder. A healthy, vigorous grower. Always brings the highest price. Unsurpassed in luscious flavor. Unquestionably the best early Muskmelon in existence. Enormous prices are paid for this variety to the exclusion of all others. Every market and home gardener should plant it largely. My seed is pure and true, and selected with extra care. Beware of spurious seed-there is much of it afloat. Pkt. 5e; oz. 15e; 1/4 lb. 40c.

WATER MELON.

Plant and cultivate the same as Musk Melons, except the hills should be about 8 feet apart each way.

42. SWEET-HEART.—The most valuable melon offered in years. An all-round melon, unsurpassed. Early, large, handsome, heavy, good shipper, long keeper, brightest color, best quality. Vines vigorous, very productive; ripens early, and bears long. Fruit large, oval, very heavily mottled, or netted, light and dark green. Rhind thin, but very strong, making it a melon unsurpassed for shipping. Flesh red, melting, and sweet. The best keeper. The Sweet-Heart melon brings a good price when others rot for want of purchasers. Packet 4c; oz. 7c; ¼ lb. 20c.

ONIONS.

The onion requires a clean and very rich soil. Use well-rotted manure freely, thoroughly mixing it with the soil. Sow as early as possible, in drills one foot apart and ¼ inch deep. Thin out early, and keep the soil mellow and free from weeds. One ounce will sow 150 feet in drills. For sets sow very thick.

43. OHIO GLOBE DANVERS.—The finest shaped, best and largest cropper of any Yellow Onion in the world. The bulbs are large, globe-shaped, with very small necks, of a rich orange yellow color, enormous yielder and a splendid keeper. I would say to my friends that if you want a choice strain of Yellow Globe Onions, this is the variety you want. Pkt. 5c; oz. 10c; ½ lb. 30c.

44. LARGE RED WETHERSFIELD.—The most popular red onion grown. Fine form, skin purplish red, flesh white; immensely productive: excellent keeper. Pkt. 5c; oz. 10c; ¼ lb. 30c.

PARSNIP.

Sow as early in the spring as the ground can be worked, in rich soil, in drllls 15 inches apart; thin to 5 to 7 inches in the row.

45. HOLLOW CROWN—A great cropper; tender and sugary, and considered the best for general cultivation. Parsnips are improved by remaining exposed to frost. Pkt. 2c; oz. 6c.

PEAS.

Peas require a light and rather rich soil. For the first crop, plant as early as possible, and at intervals of about every two weeks for succession. Sow in double rows (about one foot apart), two inches deep. All peas will yield much better if some support, such as brush, wire, etc., be used.

- 46. EARLIEST OF ALL OR ALASKA.—By careful selection and growing we have developed a stock of this smooth, blue pea, which in evenness of growth of vine and early maturity of pods is unequalled by any other extra early pea. Vines two to two and one-half feet high, unbranched, bearing four to seven long pods, which are filled with medium-sized bright green peas of excellent flavor. Ripe peas small, bluish-green. Matures all the crop at once, and is an invaluable variety for market gardeners and canners. Pkt. 5e; ½ pint 10e; pint 18e; quart 35e.
- 47. PLONGSTRETH'S FIRST AND BEST.—By most careful comparison we are convinced that this is the earliest and most even stock of white extra early peas in existence; maturing so well together that a single picking will secure the entire crop. Vines vigorous and hardy, two to two and one-half feet high, unbranched, bearing three to seven straight pods, having five to seven medium-sized, smooth peas of good quality. The dry peas are medium sized, smooth, yellowish-white. Pkt. 5c; ½ pint 10c.
- 48. CHAMPION OF ENGLAND.—Undoubtedly one of the best peas grown, and very popular. It is very productive, and the peas are of a delicious flavor. In long years of introduction, nothing better in quality has ever been produced. Height 4 to 5 feet. Packet 5c; ½ pint 10c; pint 18c; quart 35c.

PEPPER.

Sow in hot-bed in March, or in open ground when the weather has become warm. Transplant when three inches high in rows two feet apart and fifteen inches apart in the row. Set the plants in rich, warm, mellow soil.

49. SWEET MOUNTAIN. — Plants vigorous and productive; fruit very large, often seven or eight inches in length, by two or three in diameter; smooth and handsome, and when matured are of a

rich red color: flesh thick, sweet and mild of flavor; one of the best for pickling or stuffing like mangoes. Packet 5c.

- 50. GOLDEN QUEEN.—One of the largest, handsomest and most productive perfect shaped peppers in cultivation. Fruits 6 to 10 inches long and 4 to 5 inches through; in color they are a bright, waxy, golden yellow, and of the mildest flavor. Packet 5c.
- 51. LONG RED CAYENNE—A small, pointed, slim pod variety; strong and pungent. Packet 5c.

RADISH.

Radishes must grow quickly to be crisp and tender. Select a warm, sandy, rich, mellow soil. Use plenty of well-rotted manure. A liberal dressing of coarse salt will make the roots more brittle, and keep them free from worms.

52. EARLY RED BIRD—The quickest of all Red Radishes. Quick growth is one of the main essentials for a crisp and tender radish. This matures in 20 days after sowing, which makes it one of the most valuable sorts for forcing or out-door culture. The flesh is pure white, crisp and of very pleasant flavor; the skin is a most attractive bright scarlet. The leaves are very short, which admits of very close sowing. Pkt. 5c; oz. 8c; ¼ lb. 20c.



French Breakfast.

53. FRENCH BREAKFAST.—An old standard variety, of quick growth, crisp and tender. Pkt. 3e; oz. 7e; ½ lb. 18c.

Tif you want any Agricultural, Horticultural or Gardening Book, write for my price on same. In many cases I can furnish the book at less than publisher's price.

W. B. LONGSTRETH,

Gratict Station, Ohio.

SALSIFY or VEGETABLE OYSTER

A delicious vegetable either stewed, boiled or fried. The soup has the flavor of the oyster, for which it is an excellent substitute. No family should fail to plant it. Can be used from October to the following spring, but is much benefited by at least one or two hard freezes.

54. MAMMOTH SANDWICH ISLAND—A new and improved variety, producing roots nearly twice as large as the older sorts; pure white, tender and delicious. Packet 5c.

LONGSTRETH'S SELECT TOMATOES

Sow in hot-bed or in a box in the house rather early, and when the plants are about two inches high transplant in other boxes or small pots (if too early to set in open ground). When danger of frost is past, transplant carefully, setting the plants from 3 to 4 feet apart each way. Cultivate frequently when the plants are small.



Buckeye State.

55. BUCKEYE STATE.—Claimed by the introducers to be the heaviest cropper known. The fruits grow in clusters of from 4 to 10. Color glossy dark crimson, with a slight tinge of purple. Shape very thick from blossom end to stem end. Season medium to late. Fruit large and of good quality. Packet 5c; oz. 20c.

56. LIVINGSTON'S FAVORITE—One of the largest, perfectly smooth tomatoes in cultivation. Ripens early and evenly, dark red in color, vines very vigorous and immeusely productive. Pkt. 4e; oz. 12c.

57. ADVANCE OR EARLIEST OF ALL.—The earliest good tomato in the world. Never fails to produce a crop. Enormous yielder, quality cannot be excelled, and the handsome form and rich red color of the fruit makes them very

attractive. We do not claim that this is the largest tomato, but we do claim it is the earliest perfectly smooth good tomato. It ripens all over evenly and perfectly; very smooth, not ribbed or rough; an excellent keeper and a good shipper. Be sure to include it in your order. Pkt. 5c; oz. 20c.

TURNIP.

For early use sow as early as the ground can be worked, in drills one foot apart, one inch deep, and thin to six inches apart in the row. For the main crop sow broadcast in the latter part of July or August; just before a shower, if possible. The soil should be rich and mellow, and kept free from weeds.

58. PURPLE TOP WHITE GLOBE—One of the best varieties grown for general use. Very productive, large size, globe shape bulbs with red or purple top, flesh pure white, crisp and tender. Packet 5c; oz. 7c; ¼ lb. 15c.

POTATO.

59. EARLY MICHIGAN—The earliest and heaviest yielding potato grown. It is enormously productive, frequently yielding 650 bushels per acre. Tubers oblong in shape; flesh snow white and unsurpassed for table use, whether boiled or baked. I do not know of any other potato that approaches its delicate flavor. Matures in six weeks with ordinary cultivation. One pound by mail 18c; 3 pounds 42c. By express or freight, not prepaid, pound 10c; ½ peck 20c; peck 35c.

(60) Celebrated Sheet Bluing.

This bluing is vastly superior to any other form of bluing in the world, because it will not freeze, melt or spill, and is always ready for use. For convenience, cheapness and quality it has no equal. It will not streak the clothing. It will not injure the finest fabric. It is worth four times as much as any other bluing. Three sheets will make a bottle of superior Blue Writing Ink. As a Bluing it has no equal; as an Ink no superior. This Bluing is put up in envelope packages, containing 12 sheets in each package. Full directions printed on the envelope. Sample package, 10c.

Gratiot Starion, Ohio.

Selected List of Flower Seeds.

The pleasure resulting from the cultivation of a few flowers will amply repay for time and labor spent.

The soil adapted to flowering plants is generally a light, moderately rich loam, containing a sufficient amount of sand to make it friable. A great many varieties will live in almost any soil, but to give them a fair chance to develop, some care should be taken to make it suited to their needs. Many flowers are better if produced on plants of vigorous growth, so a portion of the garden should be prepared by deep digging, thorough pulverization, and liberal enriching with large quantities of well rotted manure.

While some seeds need special treatment, the following general rules will apply to all: Make the surface as fine and smooth as possible; do not plant any seeds when the ground is wet; cover each lot of seeds to a uniform depth, which should never be more than three or four times the diameter of the seed; press the soil firmly over the seeds, plant in rows so that the young plants can be easily seen, and pull up all weeds as soon as they appear.

NOTE.—Annuals bloom the first year from seed and then perish. Perennials generally do not bloom till the second year, and then live and bloom for a number of years. H. A. stands for Hardy Annual. H. H. A., Half Hardy Annual. H. P., Hardy Perennial. H. H. P., Half Hardy Perennial. "One foot," "two feet," etc., designates about the height the plant grows.

- 61. ASTER OR FALL ROSE, H. A.—
 16 inches. This beautiful flower is being constantly improved, and is now one of the most desirable of our garden beauties. As å bedder it is beyond description; indispensable for cut flowers. W. B. L. Mixed. Packet 5c.
- 62. BALSM, or Touch-Me-Nots, H. H. A.—Two feet. This is truly a wonderful pretty summer flower, producing masses of the most exquisite, lovely, brilliant colored flowers in great profusion. They prefer a rich, sandy soil and must be well watered, and are much improved by transplanting two or three times. "Imperial Mixed." Packet 5c.
- 63. CALENDULA, "Meteor," H. A.—A very free-flowering plant; flowers light golden yellow; grows freely in almost any soil; one foot. Packet 3c.
- 64. CANDYTUFT, H. A.—One foot. Select Mixed. One of the most useful and ornamental border flowers grown, the entire plant being completely covered with the most delightful bloom almost the entire summer; indispensable for cut flowers; very easy to cultivate: sure to please every lover of flowers. Packet 4c.

- 65. CANDYTUFT, Giant Empress.—Sow the seed where the plants are to bloom as early as the ground can be worked; thin to six inches. This is one of the most showy and beautiful flowers grown. The great spikes of snowy-white blooms begin to show in June, and the bed soon becomes a brilliant mass of pure snowy-white bloom. Packet 5c.
- 66. CASTOR BEAN, H. H. A.—The plants grow from ten to fifteen feet high, and the leaves measure about thirty inches across, and in different plants range from bright green with green stems to deep bronze with dark red stems, and all having a brilliant luster. We know of no annual plant which is so desirable for concealing unsightly objects or of more imposing beauty when standing alone or in groups on the lawn. Mixed varieties. Packet 10c.
- 67. CHRYSANTHEMUM. Fine Mixed, H. A.—Entirely distinct from the autumn varieties, blooming all summer, and making a gorgeous display in the flower garden. Packet 3c.
- 68. COLUMBINE, H. P.—Easily cultivated, and when once established will furnish a magnificent display of flowers every spring. Packet 3c.

- 69. COSMOS, H. A.—Five to six feet. Handsome, free-flowering annual of easy culture and fine cut foliage. Sow seed early, and transplant to about two feet apart. Packet 5c.
- 70. CLEOME PUNGENS, or Giant Spider Plant, H. A.—Four to five feet. A very strong-growing plant, unaffected by wind and weather, and flowering profusely for months; in fact, it is a Perpetual Bloomer. The flowers are borne on immense spikes, often a foot or more in length, and are of a very showy, bright rose color. Packet 4c.
- 71. CYPRESS VINE, T. A.—Fifteen feet. A most beautiful climber, with dark green foliage, and an abundance of starshaped rose, white and scarlet flowers. Packet 3c.
- 72. GOURDS, Longstreth's Ornamental, T. A.—A rapid growing vine, with ornamental foliage, and bearing fruit of the most varied and fantastic forms. Pkt. 4c.
- 73. JOB'S TEARS. H. A.—Three feet. A curious ornamental grass, with broad, corn-like leaves and seeds of a light slate color. Packet 2c.
- 74. LARKSPUR, H. A.—Two feet. Plants of great beauty, with a profusion of bloom. Packet 3c.
- 75. LOVE-IN-A-MIST, H.A.—So called because the flowers are partly concealed by the abundance of foliage; very curious and ornamental. Packet 5c.
- 76. LYCHINS.—A blaze of brilliancy for months, if the plants are kept from seeding; star-like blossoms, which cover the plants as with a cloud; hardy; blooming the second season better than the first; mixed colors. Packet 3c.
- 77, MARIGOLD, African Double, H. A.—Three feet. Superb plant, elegant and graceful, foliage very pretty; every plant is covered with magnificent double flowers of a beautiful, rich dark or light yellow color. I had many specimens last summer more than 3 inches in diameter. Pkt. 3c.
- 78. MIGNONETTE, Imperial Mixed, H. A.—A well-known, exquisite flower; very fragrant; no garden is complete without its bed of Mignonette; no bouquet is finished without a sprig of this sweetsmelling flower. It is so fragrant that the whole atmosphere around is perfumed. Packet 5c.



Mignonette.

- 79. NASTURTIUM-New DWARF CHAMELEON (True French). - This highly interesting new variety presents a most unusual feature, which is that the flowers are of different colors on the same plant, and that they are variously blotched, splashed, striped, and bordered with these several colors. On one and the same plant self colored flowers are found, others curiously stained or flushed on clear ground, while others are broadly edged with light shades or have dark margins. The neat, compact bushes are covered with flowers and form fine edgings and are unrivaled for general garden decoration. Packet 5c.
- 80. TALL CHAMELEON (French).—A tall growing sort, whose flowers have the same habit of continuous change of color as those of the Dwarf Chameleon. Unsurpassed for covering trellises, fences, etc. Packet 5c.



- S1. BEAUTIFUL PANSIES, H. P.—The Pansy is the most popular of all perennials. It is everywhere popular for its brilliant beauty of flowers and prolonged period of blooming. The smallest yard must have its Pansies. We all treasure it as the symbol of modest worth and true affection. Sow early in a cool situation, shaded from the hot afternoon sun. Longstreth's Choice Mixed. Packet 10c.
- 82. PETUNIA, H. P.—One ft. Single mixed. Unsurpassed for massing in beds and easy culture; blooms long and well; very attractive. Packet 5c.

83. PHLOX DRUMONDI, H. A.—One foot. For great variety and brilliancy of colors, duration of bloom, value of cut flowers and easy culture nothing can compare with the Phlox. Packet 5c.

84. PINK or DIANTHUS. H. A.—Ten inches. One of the most beautiful and satisfactory flowers grown. There are few flowers that have a greater abundance of the most exquisite, lovely bloom than the Pink. Packet 5c.

85. POPPY. Longstreth's Mixed, H.A.—Two feet. Very pretty plants; flowers large and beautiful; will grow in any garden soil, flowering in great profusion all summer if the seed is sown early in the spring; don't transplant, as they will die nearly every time. Packet 5c.

86. POPPY, the Cardinal.—This is a very large and a very double Poppy, each petal being so cut as to give the blossom the appearance of a large ball of brilliant cardinal colored silk. It is certainly one of the finest poppies in cultivation. The flowers are from three to four inches in diameter. Packet 5c.

87. SUNFLOWER, H. A.—Five feet. An exceeding double variety of this well-known plant. The flowers are produced at the base of each leaf, which makes the whole plant most picturesque and highly ornamental. Packet 3c.

88. SWEET WILLIAM, H. P.—A great favorite, producing flowers in great abundance, in many brilliant colors. Pkt. 3c.

VERBENA, Odorata, H. H. A .-Two feet. This lovely Verbena possesses three great points over other varieties that are such important ones that it will become a necessity for every garden. First, it is much hardier than other varieties, and can be sown in the open ground early in the spring, and in a few weeks will be in bloom, and will give an abundance of blossoms all summer. Second, the blossoms are borne on spikes usually three to four inches long, instead of being in clusters. Third, it is very sweet scented; the flowers are pure white, and the plants are a perfect mass of bloom all summer. Packet 8c.

90. WILD FLOWER GARDEN.—This mixture of flower seeds contains a select lot of beautiful, easily grown flowers, that will produce an abundance and a varied multitude of bloom. In no other manner can so many different varieties be obtained at so small a cost. Packet 5c.

91. ZINNIA, H. A.—Two feet. No flowers are more easily grown from seed; sown in the open ground; bloom in great profusion throughout the entire summer; flowers are splendid, brilliant colored and very double, rivaling the dahlias in beauty and form. Packet 5c.

Sweet Peas.

H.A.

Ereryone who Cultivates Flowers
Should Plant Sweet Peas—the
Favorite Fragrant Flower.

CULTURE. - Early in spring make a trench about six inches deep, in rich, mellow soil, so arranged that no water can stand in it, and plant the seed in the bottom, taking care not to cover it more than two inches. All Sweet Peas, but particularly the white seeded sorts, are often a little difficult to start. If the soil is too dry, they will remain a long time without germinating; if it is too wet and cold, they will not sprout at all. In soils which are at all heavy or composed largely of clay, it will generally pay to put about two inches of sand in the bottom of the trench and to sow the seed on this, covering with more sand. Often it will be an advantage to cover the row with a board so as to shed the rain and protect the soil from the hot sun, but care should be taken to remove this as soon as the young plants cut through the soil. When the plants are about five inches high, fill up the trench and furnish some support for the vines to run upon. The flowers should be picked before they form pods, or the plants will soon stop flowering.

92. DWARF PINK CUPID—This little wonder grows only six to eight inches. Plants spread twelve to eighteen inches around, and shoot up stems six inches long, which bear three to four large, fragrant, handsome flowers. Standards bright rose-pink: wings pure white or light pink. Plant vigorous and hardy; easy to grow anywhere. Flowers early and continues to bloom very late, bearing a profusion of blossoms so thickly as to completely hide the plant itself. Packet 5c; oz. 10c.

- 93. BLANCHE BURPEE.—A white seeded pure white, of exquisite form and immense size, having a bold, rigid, upright shell-shaped standard of great substance; is a wonderfully profuse bloomer, and absolutely free from the objectionable notch so conspicuous in other white varieties. Pkt. 4c; oz. 8c; ¼ lb. 20c.
- 94. BLACK KNIGHT.—Flowers are of large size and fine form; standard a rich wine brown or claret; wings heavily shaded with brownish-purple, turning almost black when fully opened. Packet 4c; oz. 8c; ¼ lb. 20c.
- 95. BLANCHE FERRY.— Dwarf habit, producing a great abundance of bloom earlier than any other variety. Flowers exceedingly pretty and sweet, wings nearly white, standards bright pink. Packet 4c; oz. 7c; ¼ 1b. 20c.
- 96. STELLA MORSE—This is unquestionably one of the loveliest of all Sweet Peas. The flowers are of largest size, faultless form, grow on long stems, with three or four flowers to the stem. Color, a lovely shade of deep cream which, as the flowers grow older, turns into the most delicate primrose with a faint rosepink. Packet 4c; oz. 7c; ¼ lb. 20c.
- 97. AMERICA—White, nearly covered with splashes, stripes and dots of exceedingly bright carmine. The most brilliant of the red striped sort. Packet 4c; oz. 7c; ½ 1b. 20c,
- 98. **E**LONGSTRETH'S SUPERFINE MIXTURE.— The numberless shades of matchless beauty, the delicate with the brilliant colors, the immense flowers so deliciously fragrant, borne in such great profusion from this mixture, really make it superfine. Packet 5c; oz. 10c.
- 99. To induce all my customers and friends to try my choice collection of SWEET PEAS, I will send a full size packet of each of the above varieties for only 15c. One-quarter pound, my selection, only 15c.

(100) First-Class Writing Pens.

You can bend the pen in any way you choose and bring it back to its original shape. It is a pen that will adapt itself to any kind of handwriting. One dozen, by mail, 5c.

Send orders to W. B. Longstreth, Zanesville, O., Gratiot Station.

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Send us your name and address and we will send you 12 packages' of our Healing Paper; sell it to your friends and neighbors at 10c. a package, and when sold send us 50c. and keep 70c. for your pay. If you can't sell it return it to us. We trust you; you can't lose. Healing Paper cures cuts, burns, bruises, old sores, neuralgia, corns, etc. Send for full particulars and free sample. Address

LIBERTY SUPPLY CO., Cadiz, O.

I have had dealings with the manager of the above company, and always found him to be perfectly reliable.

W. B. Longstreth.

Guide to Floriculture.

This book was written by Eben E. Rexford, one of the best informed writers upon all matters pertaining to floriculture in America, and is a complete practical guide to the culture of flowers and plants. Every lady who loves flowers should possess a copy of it.

Among the many things it treats on are How to Have a Good Flower Garden; The Best Annuals; Summer Blooming Bulbs; The Culture of Outdoor Bulbs; Flowers for Cutting; Vines; The Propagation of Plants; Soil for House Plants, Potting, &c.; Plant Enemies; The Care of House Plants; Bulbs for Winter Blooming, etc.

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THE "PRIZE" BRASS SPRAY PUMP.

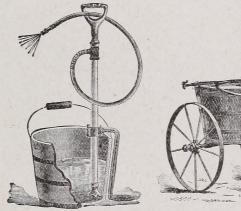
No. 669.

With Brass Working Parts, Bronze Bail Valves and Malleable Iron Foot Rest. A Splendid Pump at a Low Price.

This pump is what its name indicates—a prize to the possessor. It is easy in operation, easy to sell, and easy to buy—because it is cheap. The working parts are all brass. For Greenhouse and Garden use and for washing windows and buggies this pump serves a long-felt want, because it is both durable and cheap. Unlike many of the "cheap pumps," its working parts are entirely brass. The "Prize" is the best pump

for the price that has ever been offered. It is furnished with Acme nozzle, and will throw a fine spray or a solid stream. Our Spray Pumps are all constructed for service. (Cut No. 669 shows manner of placing pump in bucket ready for use.)

Catalog Price, \$5.00. Our Price, \$2.75.







No. 651.

THE GARDENER'S CHOICE

Combination Watering Cart and Spray Pump.

No. 651.

This outfit is destined to meet a long-felt want in this line. The pump is a little gem—has 1½-inch brass cylinder and 4-inch stroke. The air chamber, with displacement plunger, gives it a double-acting effect and causes a steady stream to be thrown. The pump is furnished with four feet of hose and Bordeaux Combination Spray Nozzle. The top of tank, where pump sets, is fastened firmly to the tank and frame. The frame is largely of wrought iron pipe and the tank is of hard wood, well hooped. These fea-

tures, together with the metal wheels, make the whole outfit strong and durable. We have endeavored in the Gardener's Choice to furnish a first-class article for a little money.

Catalog Price, \$15.00. Our Price, \$11.00.

The above are only a portion of the Spray Pumps that we are agents for. If you are further interested, send for our "Pony Catalog" of The Deeming Sprayers, which illustrates and describes almost all sizes of Spray Pumps from \$5.00 to \$85.00 Catalog price; our price, \$2.75 to \$75.00. Send for Catalog—IT'S FREE.

SPECIAL NOTICE.—All Spray Pumps will be shipped by freight or express (your choice), receiver to pay charges, from the manufacturers at Salem, Ohio. Our price in every case will be as low or lower than the manufacturer's price, and the customer pays the express or freight if ordered direct; so why not address all orders to

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Some time this winter or spring you will visit or be visited by one of your neighbors, who never planted Longstreth's Seeds. Tell him (or her) that you are going to send me your order, and that you wish him (or her) to send with you. If you do this, and your combined orders amount to \$2.00 or over for seeds in packets, ounces, quarter pounds, half pints or pints, at catalog prices (the Collections must not be included in this offer), I will make both you and your neighbor a present of the book which I sell for 50c. each, but is worth at least \$10.00 (see fourth page of cover), and will include at least 50 cents' worth of seeds of my selection, and will also make you and your neighbor a present worth 25c. each, which I am sure the lady of the house will highly appreciate.

The only conditions to this remarkable offer is that you must send your own and your neighbor's order on separate sheets, but in the same envelope, so that each person's order may be sent direct to him or her. Address all orders to

W. B. LONGSTRETH, Zanesville, Ohio (Gratiot Station).

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Many a valuable horse or cow has been lost because the owner had no knowledge of the many diseases to which these valuable animals are subject. Such would not have occurred if the owner had had this little book, which is worth its weight in gold to any man or woman who owns a horse or cow. It is bound in attractive paper covers. Only 10c. by mail.

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104. Needle Cabinet.—Contains five papers of assorted needles, also a full assortment of Embroidery and Darning Needles of all kinds. Thousands have been sold at 25c. each, and it is well worth that price, too; but I can offer it to my customers and friends for only 10c., postpaid.

W. B. Longstreth,

Gratiot Station, Ohio.

MOXAHALA, O., March 26, 1902. W. B. Longtreth:

Dear Sir—I raised the earliest and finest tomatoes last year I ever did. Got the seed from you.

KATE LEHEW.

New Lexington, O., Mar. 12, 1902. Your seed are first-class, and all that I had from you last season came up so good. Mrs. Jessie C. Adams.

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Dear Sir—The garden seeds I ordered came all right, and am well pleased with them.

MARY LORENTZ.

The Most Astounding Offer Ever Made

TO INTRODUCE

Longstreth's Seeds,

THAT WILL GROW.

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Cosmos,	5c	Celery, (No. 31)	- 5c
Cleome Pungens,	- 4c	Cucumber, (No. 37)	5c
Morning Glory, Japanese, -	- 10c	Lettuce, (No. 38)	- 5e
Nasturtium, Dwarf, - 1	- 5c	Onion, (No. 43)	5c
Nasturtium, Climbing,	- 5c	Parsnip, (No. 45)	- 2c
Poppy, Mixed,-	- 5c	Radish, (No. 52)	- 5c
Wild Flower Garden, -	- 5e	Salsify, - (No. 54)	5c
Sweet Peas, Mixed, -	- 5e	Tomato, (No. 55)	5c
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